Review Form 1.6

Journal Name:	**Asian Research Journal of Mathematics**
Manuscript Number:	**Ms_ARJOM_87031**
Title of the Manuscript:	**Cost Effective Analysis on Mathematical Modelling of HIV/AIDS with Optimal Control Strategy**
Type of the Article	**Original Research Article**

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments	The authors need to add more related references on mathematical modelling, and other infectious diseases to enrich the literature. I suggest some here Modeling the impact of non-pharmaceutical interventions on the dynamics of novel coronavirus with optimal control analysis with a case study Chaos, Solitons & Fractals 139, 110075 Optimal control strategies for dengue transmission in Pakistan Mathematical Biosciences 305, 102-121 A robust study on 2019-nCOV outbreaks through non-singular derivative The European Physical Journal Plus 136 (2), 1-20 Modelling the effects of heavy alcohol consumption on the transmission dynamics of gonorrhea with optimal control Mathematical biosciences 309, 1-11 Mathematical modeling and stability analysis of Pine Wilt Disease with optimal control Scientific reports 7 (1), 1-19 The dynamics of Zika virus with Caputo fractional derivative AIMS Math 4 (1), 134-146 The computation of V-i for the basic reproduction number is not correct, correct this. The stability results must be explained from a biological point of view. The optimal control problem and its existence is not given this work, it must be given. The analysis of simulation need to be explained with more details, how the numerical values of the parameters and the initial conditions are obtained. You may take help from Modeling and analysis of the dynamics of HIV/AIDS with non-singular fractional and fractal-fractional operators Physica Scripta 96 (11), 114008 The analysis for theorem 3 is incomplete. Theorem 4 should be written in more clean way and correct R_0<1 by R_0 less or equal one. The controls need to be define with care and must be from biological recommendations. The conclusion must be informative based on the achieved results.	
Minor REVISION comments	I did not see the names of the authors	
Optional/General comments		

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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